



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5332

SERIAL NUMBER 10/777,756	FILING DATE 02/13/2004 RULE	CLASS 257	GROUP ART UNIT 2818	ATTORNEY DOCKET NO. 248861US2S
-----------------------------	-----------------------------------	--------------	------------------------	--------------------------------------

## APPLICANTS

Ryu Ogiwara, Yokohama-shi, JAPAN;

TTW

\*\* CONTINUING DATA \*\*\*\*\*

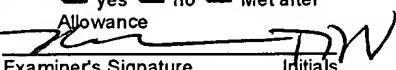
\*\* FOREIGN APPLICATIONS \*\*\*\*\*

TTW

JAPAN 2003-382823 11/12/2003

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 05/08/2004

Foreign Priority claimed	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	COUNTRY	DRAWING	CLAIMS	CLAIMS
Verified and Acknowledged	Examiner's Signature  Initials 	JAPAN	35	19	2

## ADDRESS

22850  
 OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.  
 1940 DUKE STREET  
 ALEXANDRIA, VA  
 22314

## TITLE

Phase-change memory device using chalcogenide compound as the material of memory cells

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____
RECEIVED 900		